**Table S3.** List of the antibodies used for this study.

| *Antibody* | *Specificity* | *Isotype* | *Category* | *Host* | *Reference* |
|---|---|---|---|---|---|
| ***Pectins*** | | | | | |
| *INRA-RU1* | Anti-unbranched RG-I (requires at least 6 disaccharide backbone repeats for binding, maximal binding occurs to 7 disaccharide repeats) | IgM | Monoclonal | Mouse | [40] |
| *CCRC-M36* | Anti-unbranched RG-I (requires at least 3 disaccharide backbone repeats for binding) | IgM | Monoclonal | Mouse | [41] |
| *LM6* | Anti-arabinan (recognizes 4 subunits of 1,5-alpha-L-arabinan) | IgG | Monoclonal | Rat | [42] |
| *JIM5* | Homoglacturonan (partially methylesterified; **Me**(alpha)GalA1->4(alpha)GalA1->4(alpha)GalA1->4(alpha)GalA1->4(alpha)GalA1->4(alpha)**Me**GalA) | IgG | Monoclonal | Rat | [43,44] |
| *JIM7* | Homogalacturonan (highly methylesterified; GalA1->4GalA1->4**Me**GalA1->4**Me**GalA1->4**Me**GalA1->4GalA and **Me**GalA1->4GalA1->4**Me**GalA1->4GalA1->4**Me**GalA1->4GalA) | IgA | Monoclonal | Rat | [43,44] |
| *2F4* | Egg-box structure (dimeric association of pectic chains through calcium ions) | IgG | Monoclonal | Mouse | [45] |
| ***Hemicelluloses*** | | | | | |
| *CCRC-M139* | Anti-xylan (heteroxylan) | IgG | Monoclonal | Mouse | [41] |
| *LM10* | Anti-Heteroxylan; Beta-1,4-xylan | IgM | Monoclonal | Rat | [46] |
| *LM15* | Anti-xyloglucan (XXXG) | IgG | Monoclonal | Rat | [47] |
| *LM24* | Anti-xyloglucan (XLLG) | IgG | Monoclonal | Rat | [48] |
| *LM25* | Anti-xyloglucan (XXXG, XLLG, XXLG) | IgM | Monoclonal | Rat | [48] |